

From qrp-1@lehigh.edu Wed Jun 21 20:10:55 1995
Message-Id: <1995Jun21.160918-0400@[130.113.234.7]>
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: 101 things to do with a nitrogen bottle
Date: Wed, 21 Jun 1995 16:10:55 EDT

In <950621153707_99488792@aol.com>, JCoote@aol.com wrote:
>Some hams have run 300 ohm or 450 ohm line underground by using PVC conduit.
> You would definitely want to slope the PVC run and prevent water from
>getting inside. I haven't tried this, but it may help some of you with Zepp,
>G5RV and other antennas with 450/300 ohm feeders.
>
Hey, Jay...then you'll have to add the nitrogen gas bottle
to blow it out and keep it dry

Here's another use for those extra bottles you may find leaning
against a telephone pole...
Mount your FD antenna in a canister on top of the valve, (having
the bottle pointing at a good tall tree) take a good swing at
the valve with a hammer...should get it up nice and high in
short order:-)

From qrp-1@lehigh.edu Wed Jun 21 23:07:47 1995
Message-Id: <9505218037.AA803772774@mailrouter.alascom.com>
From: "Jim Larsen" <jlarsen@alascom.com>
Subject: Alaska Wednesday night
Date: Wed, 21 Jun 1995 19:07:47 EDT

I will call CQ on 7.028 from 0400-0410Z and 0500-0510Z tonight-Wednesday eve
(7/22 UTC).

Hope to see one of you there.

73,

Jim Larsen
AL7FS
Anchorage, Alaska
jlarsen@alascom.com

From qrp-1@lehigh.edu Wed Jun 21 22:28:13 1995

Message-Id: <Pine.SUN.3.91.950621182630.5935A-1000000@grape.epix.net>
From: rarland@epix.net
Subject: Re: Bosnia Rescue, a first hand account
Date: Wed, 21 Jun 1995 18:28:13 EDT

+++ATH

Sounds like somebody readss way too much Mark Brent or Dale Brown.....

73 rich

From qrp-1@lehigh.edu Wed Jun 21 18:50:08 1995
Message-Id: <9506211904.AA11434@dtcs70.dtc.kodak.com>
From: mitchell@dtcs70.dtc.kodak.com (Brad Mitchel)
Subject: Chargin gel cells again.
Date: Wed, 21 Jun 1995 14:50:08 EDT

Well , here I am again charging gel cells. Doing it the old fashioned way with lots of aligator clips, an dvm for current, a dvm for voltage, a resistor substitution box to vary the current, a 12 v switching supply with the 120v exposed on the end of the supply, etc. Seems like I am doing this once or tice a year, and then saying, well, it's not really worth the investment in time or Money. But here I am once again, doing the same stupid thing. Ok honestly guys/gals am I the only one doing this ritual , or are there others lurking about?

73 Brad WB8YGG

From qrp-1@lehigh.edu Wed Jun 21 22:55:55 1995
Message-Id: <m0s0Yfu-000RnCC@on-ramp.ior.com>
From: maccary@on-ramp.ior.com
Subject: Compressed gas
Date: Wed, 21 Jun 1995 18:55:55 EDT

Geez, just read my post to qrp-1 about launching antennas with a bottle, and had the chilling surge up my spine when I thought "hey, someone might try it".

Don't

Please don't

Don't even think about it.

Sorry

Glen Leinweber VE3DNL leinwebe@mcmail.mcmaster

In the 1960's when I worked in Florida, two Navy frog men were to make a flight to a dive site. As they were walking to the plane one of them dropped his air bottle on the tarmac. The valve sheared off and the compressed air cylinder shot off like an unguided missile. As luck would have it, the errant cylinder flew right through the tail of the waiting plane. No diving that day.

Compressed gasses are dangerous.

Mac W0NAX

Lawrence M. MacCary --- A Subscriber at Internet On-Ramp, Inc.

From qrp-1@lehigh.edu Wed Jun 21 21:45:11 1995
Message-Id: <199506212132.QAA24853@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: dit dit
Date: Wed, 21 Jun 1995 17:45:11 EDT

I said it right. dit dit. I am NOT the one with the accent. :-)

Preston and Sharon are very nice and a wonderful time was had by all. Preston is right, he can give you a no-expense itinerary that will blow your socks off here in Dallas/Ft Worth.

OK, that's it from me til Monday unless I log on later tonight.

I'll pick up a call, XE1, while down there. See if I can find the communications office in Cancun.

dit dit :-)

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Wed Jun 21 16:16:13 1995
Message-Id: <199506211606.LAA23887@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: FD es MD
Date: Wed, 21 Jun 1995 12:16:13 EDT

WX report: XE1, Cancun Mexico - sunny with breezes off the ocean. :-)

Will be in MD, same hotel as before, starting Sun nite til
Friday of next week. Mon es Tue nites are bad nites to do dinner.
Maybe Wed for the WA8MCQ group, et.al.

dit dit K5F0/XE1 K5F0/3

--

Chuck Adams K5F0 CP-60 adams@sgi.com

From qrp-1@lehigh.edu Wed Jun 21 18:25:54 1995
Message-Id: <9506211825.AA28041@ig1.att.att.com>
From: mvjif@mvubr.att.com (James M Fitton 508 960 2577)
Subject: FD operation
Date: Wed, 21 Jun 1995 14:25:54 EDT

Look for the QRP-NE FD team using callsign W1FMR

I am bringing my trusty old Argo 509. This year the
receiver antenna switch will be turned to the "ON" position.

Two years ago, the signals seemed extremely weak all weekend.
When I got home, I discovered that the RCVR antenna switch
on the back of the 509 had been switched to OFF.

(OUCH !!!!! What a dop)

Another FD observation;

Most HB rigs are designed for solo operation. Without an outboard
audio amp and speaker, a FD operator may resemble a catatonic mute
suffering with some kind of right hand tremor. On the other hand
an appearance like that could enhance an otherwise poor image.

Hope to CU all on 20m.

72 Jim W1FMR

From qrp-1@lehigh.edu Wed Jun 21 18:58:39 1995
Message-Id: <9506211851.AA14142@us1rmc.bb.dec.com>
From: Bill Acito 21-Jun-1995 1445 <acito@asdg.enet.dec.com>
Subject: FD operation, QRP-NE
Date: Wed, 21 Jun 1995 14:58:39 EDT

>>Look for the QRP-NE FD team using callsign W1FMR

After being a careful observer last year, I'm pulling together the 40m station for W1FMR this year... what an adventure.

Rigs will be the QRP+, a Norcal 40, and the 40-40. If I can homebrew a mike between now and the weekend, you may find us on phone as well. Antenna will be 40m loop with a 1/4 wave matching line tucked away from the windmills on Mt Wachusett, north central MA.

Jim, per a recommendation from someone on the list, I'm bringing a fishing rod and a big sinker to get us up into the trees. Remember all the fun we had with the loops last year? :-)

b

. - I own my own words -

Bill Acito	d i g i t a l
acito@asdg.enet.dec.com	Digital Equipment Corporation
	Digital Semiconductor - Fab 6
	Hudson, MA

kc1gs
(qrp-ne #260, norcal #1147, arrl life)

From qrp-1@lehigh.edu Wed Jun 21 19:25:06 1995
Message-Id: <199506211923.PAA20942@dartvax.dartmouth.edu>
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
Subject: Re: FD operation, QRP-NE

Date: Wed, 21 Jun 1995 15:25:06 EDT

>
>
> >>Look for the QRP-NE FD team using callsign W1FMR
>
>
>
>
>
> Hi Bill, good luck on F.D. I am the chairman of this years event
at the Twin State Radio Club from the NH/VT area on the Connecticut
river at about the Hanover area.

We will look for you guys on the bands. Next year I'm definitely going
to QRP it.

I built a 40 meter verticle that works great on 15 too without changing
anything.

73 de AA1IK
Ernie , QRO THIS YEAR BUT IN MY HEART I'M QRP.

>
>
>
>
>
>
>

From qrp-1@lehigh.edu Wed Jun 21 15:56:06 1995
Message-Id: <01HRY0A95SQ8HTS04A@Admin.Rose-Hulman.Edu>
From: "David Moody, KD8NY" <MOODY@admin.rose-hulman.edu>
Subject: Re: Field Day
Date: Wed, 21 Jun 1995 11:56:06 EDT

>73
>Nils
>WB8IJN &c
>(Someone once suggested that the phonetics for my call
>should be "Water Bong Eight Insanely Jive Norwegian."
>I've been tempted...)

That's worse than my Killer Dogs 8 New York :-)

(I am glad that FD is a domestic event. These phonetics confuse even me.)
The WVARA in the area, W9UUU uses W9 Ultra Ugly Underwear. Of course this
is late Saturday, early Sunday after the brain gets fried from lack of
sleep.

72, David Moody, KD8NY, Hurry up Field Day...

Do you think we ought to start posting weather reports for all of our
FD sites??? :-) Looks like possible rain here. Good FD weather! ;-)

```
-----  
David A. Moody          | E-mail: David.Moody@Rose-Hulman.edu  
Admin. Programmer/Analyst | Finger: mgrdam@crux.Rose-Hulman.edu  
Rose-Hulman Inst. of Tech. | Amateur Call: KD8NY (CW QRP) ex-WB9MMD  
Terre Haute, IN USA 47803 | (VMS Rules!!! (but RSTS was fun.))  
Wk Ph: 812.877.8183      |  
-----
```

Any facts expressed within belong to everybody.
Any opinions expressed within are my own and are not
necessarily the same as my employer, family, friends, etc.
It is up to you to know the difference.

From qrp-1@lehigh.edu Wed Jun 21 16:56:07 1995
Message-Id: <01HRYVAKL5BM8WZD5L@nova.wright.edu>
From: NYOUNG@nova.wright.edu
Subject: Field Day &c
Date: Wed, 21 Jun 1995 12:56:07 EDT

Ok, so I guess I just go "599 OH 1A" if I'm running from
the house mains on installed antoonas.
I say "599 OH 1B" if I'm running off batteries on the
station antoonas.
I say "599 OH 1C" if I'm running off batts on quickly
strung wires meant to trip birds and radio signules.
And no one will know that I'm not running 1.568 kW into
my full-size rotatable 75 meter dipole up 126 ft, right?
(Really, you should see that antoona. It's massive. I
had to get special tower [actually three lifts of Rohn
up 126 ft, each lift a foot from the other. All three
lifts are bound together at the 50, 75 and 100 ft points
with guy lines moving off in three directions at the
first two stops and six guy lines on the upper limit.
It takes a 2.5 hp motor with reduction to move the dipole
around and the outer edges of the dipole are themselves

guyed to a set of synchronized tracking motors that run on a ring that goes around the base of the towers. The ring itself has a 300 ft radius around the towers. Like I said, it's impressive. And you should see the 7-30 MHz LP at the top. Now that sucker is massive. The rotor for it is on the base plate that holds the tops of the three tower sections together. And yes, it does have aircraft lights. The light bill on them would run a QRP station for a couple years. But I write the whole thing off as a tax loss because I let the local high school use it for gym classes. They're a very fancy school. They teach rock climbing, mountain climbing, tower climbing, cliff climbing and hang gliding in the first year's gym classes. You should see 'em all out there, dropping off the tower like flies.

73

Nils

WB8IJJ &c

(Just because I like QRP doesn't mean I have to use crappy antennas.)

From qrp-1@lehigh.edu Wed Jun 21 17:31:11 1995
Message-Id: <ac0e03460a021003be21@[129.74.35.16]>
From: Steve.hideg.1@nd.edu (Steve Hideg)
Subject: Re: Field Day &c
Date: Wed, 21 Jun 1995 13:31:11 EDT

>Ok, so I guess I just go "599 OH 1A" if I'm running from
>the house mains on installed antennas.

Nope. Classes A and B are for portable stations.
If you're a home station on commercial power, you have to run class D.

>I say "599 OH 1B" if I'm running off batteries on the
>station antennas.

This would be class E.

>I say "599 OH 1C" if I'm running off batts on quickly
>strung wires meant to trip birds and radio signals.

Class B (battery), I think. Class C is for mobile stations only.

>And no one will know that I'm not running 1.568 kW into

>my full-size rotatable 75 meter dipole up 126 ft, right?
<deletia>

If you use permanently installed antennas, you must be class D or E.

Plus, you don't need the "599".
Your exchange should be something like "1D 0H" or "1E 0H".

73
--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of University Computing	Telephone: (219) 631-EXAM
G034 Computing Center/Math Building	E-mail: Steve.Hideg.1@nd.edu
University of Notre Dame	URL: http://www.nd.edu/~shideg/
Notre Dame, IN 46556	Ham Radio: N8HSC/9

ACTUAL SIZE

From qrp-1@lehigh.edu Wed Jun 21 18:19:10 1995
Message-Id: <Pine.SUN.3.90.950621111506.2394A-100000@nimbus>
From: Monte Stark <ku7y@sage.dri.edu>
Subject: Re: Field Day &c
Date: Wed, 21 Jun 1995 14:19:10 EDT

On Wed, 21 Jun 1995 NYOUNG@nova.wright.edu wrote:

=====/snip/====

> 73
> Nils
> WB8IJN &c
> (Just because I like QRP doesn't mean I have to use
> crappy antennas.)
>
>

Amen, and Aluma Gratis.....

73, Ron, dah, dah (I'm three times slower than Chuck)

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From qrp-1@lehigh.edu Wed Jun 21 05:34:42 1995
Message-Id: <9506210533.AA20891@cybernetics.net>
From: ab4el@cybernetics.net (Stephen Modena)
Subject: Re: Field Day...what is MOBILE?
Date: Wed, 21 Jun 1995 01:34:42 EDT

> From: aa7qy@primenet.com (Roger Hightower)
> Subject: Re: Field Day
> Date: Tue, 20 Jun 1995 22:14:10 EDT
>
>
> >
> >Twoth: If I take the radio into the car and wander off
> >down the road and tune up one of those 60+ft aluminum
> >poles that they put roadway interchange lights on and I
> >run QRP all by my lonesome for a couple hours now and then,
> >what's my exchange supposed to be?
> >
> Then you become a 1C

Of course, it is *not* 1C.

"Mobile" is *minimally* considered to be: The radio equipment, power supply, and antenna are mounted in or on the vehicle...AND... the vehicle can be driven away with disconnecting any wires or supports.

Sitting in a *car* does not a mobile make....especially when the antenna is a dipole strung between two trees...or is a shunt-fed light pole.

Again 1B ...not 1C.

For a view of a Field Day Mobile that meets those criteria, GIFs of my "stationary" mast mobile set up are to be found in:

[ftp SunSITE.unc.edu /pub/academic/agriculture/agronomy/MOBILE-GIFS](ftp://SunSITE.unc.edu/pub/academic/agriculture/agronomy/MOBILE-GIFS)

and that setup was used by me in QRP MOBILE contacts on 40 M and

160 M during the 1994-95 SSB QRP-L contest.

Look at MOB-INDX.GIF for a collage that fills a standard Windows screen...and download MOB-INDX.EXE for a self executing GIF collage displayer if you don't have GIF viewing software.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From qrp-l@lehigh.edu Wed Jun 21 19:38:10 1995

Message-Id: <950621153707_99488792@aol.com>

From: JCoote@aol.com

Subject: Re: G5RV <> 30m

Date: Wed, 21 Jun 1995 15:38:10 EDT

Some hams have run 300 ohm or 450 ohm line underground by using PVC conduit.

You would definitely want to slope the PVC run and prevent water from getting inside. I haven't tried this, but it may help some of you with Zepp, G5RV and other antennas with 450/300 ohm feeders.

72, Jay

From qrp-l@lehigh.edu Wed Jun 21 20:53:34 1995

Message-Id: <199506212052.0AA24218@Freenet.HSC.Colorado.EDU>

From: an966@Freenet.HSC.Colorado.EDU (Gene McGahey)

Subject: Re: G5RV <> 30m

Date: Wed, 21 Jun 1995 16:53:34 EDT

Concerning the burial of 450 ohm ladder line, the recommended method is to parallel two equal lengths of 50 ohm coax, best use RG-8 (buriable, expensive stuff or put it in conduit/PVC, etc.). Tie shield together at each end, use the center conductors for each side of the ladder line. Tie the center conductors of RG-8 to balanced line input to tuner and ground the connected shield(s). I have buried this arrangement under a driveway and lawn to reach my shack with good results. GL es 73, Geno AL7GQ Denver

From qrp-l@lehigh.edu Wed Jun 21 17:44:04 1995

Message-Id: <803728950.AA02509@hamlink.mn.org>

From: CLATON.CADMUS@hamlink.mn.org (CLATON CADMUS)
Subject: G5RV;- (AND BETTER:-)
Date: Wed, 21 Jun 1995 13:44:04 EDT

CE>On Tue, 20 Jun 1995, CLATON CADMUS wrote:
>> I use a 100 ft wire, works great.

LB replied:

>G5RV is 102' Both close to 1 wavelength on 30. Difference not clear.
>G5RV's matching system is what is in question (avoid it if possible), but
>the length of the antenna is further off 1 wavelength at 30 than
>100'--hence, quandary of antenna difference.

I choose 100 ft because that was what I had in distance between the trees and wire on hand. (please note last statement in my previous message) At the time I installed the antenna, 30 meters was not considered, only the novice sections. Even still I probably could have picked a better length. In my message I said to avoid full wave lengths at your "frequencies of interest". This of course will vary with the Ham in question. This is why planning your own installation will bring you best results.

CE>Other points well taken.

Thank you.

73 de Claton Cadmus, KA0GKC

```
-----
| FIDOnet= Claton Cadmus 1:282./100 |
| INTERNet= Claton.Cadmus@hamlink.mn.org |
| PACKETnet= KA0GKC@WB0GDB.#STP.MN.USA.NA |
|-----
```

If anything I have written makes any cents, I claim copyright!
* SLMR 2.1a * If messy shacks were worth money, I'd be a millionaire!

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Wed Jun 21 13:23:04 1995
Message-Id: <Pine.A32.3.91.950621085343.67198A-100000@freenet3.freenet.ufl.edu>
From: SONNY LEWIS <afn05925@freenet.ufl.edu>
Subject: Re: Gas-powered telephone line??
Date: Wed, 21 Jun 1995 09:23:04 EDT

Most of the answers have been correct!

yes! the gas keeps the lines dry! And by using the location at which the=20

gas is placed into the cable as a pressure reference point a repair person can easily locate a section of cable with a leak simply by reading the=20 pressure on either side of that reference point.

Most of the old cable conducters are insulated with paper and all it takes is a little moisture to mess up a bunch of cable pairs...

=20

History =3DInstaller Repairman General Telephone of Fl. 18years

=20

=C4=C4=C5=C4=C4 =20

=B3

A_A

<=>C4=C4=C4=C4=C4=C4=C4=C4=C4{(_)}=CD=CD(_o_)=CD=CD{(_)}=

=C4=C4=C4=C4=C4=C4=C4=C4=C4<>

=B3

=B3

=B3

0=D9

0

=C00 =20

73 de KE4SLL SONNY IN GAINESVILLE,FL

PACKET=3DKE4SLL@.#GVLFL.FL.USA.NOAM

INTERNET=3Dafn05924@freenet.ufl.edu =20

P.O. BOX 5021

GAINESVILLE,FLORIDA USA

32602 =20

From qrp-1@lehigh.edu Wed Jun 21 17:02:04 1995
Message-Id: <199506211700.LAA07073@Freenet.HSC.Colorado.EDU>
From: an966@Freenet.HSC.Colorado.EDU (Gene McGahey)
Subject: Gel Cell Charger IC Source?
Date: Wed, 21 Jun 1995 13:02:04 EDT

Does anyone on the list know of a source of the IC used in the Smart Charger of ARRL Handbook fame (UC3906N)????? Help is appreciated! Thanks.
Geno AL7GQ Denver al7gq@aol.com

From qrp-1@lehigh.edu Thu Jun 22 02:39:20 1995
Message-Id: <199506220237.VAA25297@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: Geo
Date: Wed, 21 Jun 1995 22:39:20 EDT

I tried both email and telnet and both are working super fast.

Rich, WK2A, announced that he was having problems, but none spotted here.

Internet sometimes has problems when a network administrator somewhere messes with the DNS system. Sometimes a critical system goes down along the "superhighway" and it might not be fixed for 24 hours or so.

Hope it comes back for those having problems.

Did you try the CALLS2DIST command from the LEHIGH server?

dit dit
--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Thu Jun 22 02:20:00 1995
Message-Id: <95062115102355@psuh02meteo.psu.edu>
From: penc@psuh02meteo.psu.edu
Subject: Geo server info
Date: Wed, 21 Jun 1995 22:20:00 EDT

Gang:

A couple weeks ago someone posted how to get geo data by sending email

to a server (geo@t51.adp.wisc.edu), and telnet to martini.eecs.umich.edu 3000.
Has anyone tried this lately? I used to get rapid turnaround on geo, but for
two days my messages are unanswered (this used to work fine).... Anyone
have the same experience lately?

When this was first posted, I received the reply in less than a minute. Yesterday's request still hasn't turned around, and today's too....

Hmmmmmmmm.....

Wanting to calculate distances,
Rich, WK2A
penc@psu.edu

From qrp-1@lehigh.edu Thu Jun 22 06:00:09 1995
Message-Id: <Pine.SUN.3.90.950621225620.4806B-100000@nimbus>
From: Monte Stark <ku7y@sage.dri.edu>
Subject: Gone for a week...
Date: Thu, 22 Jun 1995 02:00:09 EDT

Just to let all know that I will be off the net for
the next week. Should be back by the 2nd of July.

Have a good FD. I will not have a radio with me. :-(

cul,

73, Ron, dah, dah (I'm three times slower than Chuck)

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From qrp-1@lehigh.edu Thu Jun 22 03:06:33 1995
Message-Id: <1995Jun21.230455.7511@wb3ffv.ampr.org>
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re HW-9 dial calibration
Date: Wed, 21 Jun 1995 23:06:33 EDT

>From a recent posting from Gary, N2KTY (sehneg@austin.ibm.com),

> I've come across a fairly nice HW-9 recently, but have been
having trouble getting the VFO calibrated. Seems I can't bring the

range in. I can get the frequency correct on one end, but it's always off at the other end.....

No, I don't have any quick and easy cures, but I do have an alternative! How about an external digital display for it? I recently submitted an article to the QRP Quarterly to build an adapter to let your regular frequency counter do double duty and read the HW-9 VFO. It's actually my notes and comments on an article from SPRAT in 1990, by George Scholtes, LX1BK. He used a tiny counter module inside the HW-9 case following his adapter, but I preferred to use an external counter. Going from his method to mine involved a few pitfalls, but I got them worked out. (Hint: at least a part of his circuit absolutely must be mounted within the HW-9 cabinet; I found that out the hard way :-)

It uses an NE602 and a 10 MHz crystal to convert the VFO signal to the 4 MHz range. (You can get 10 MHz computer rocks for a song nowadays.) Although the HW-9 VFO goes down in frequency as you tune up the band, the output of the converter goes in the right direction. At 0 on the dial, the counter will read 4.000--simply disregard the 4. At 250 it will read 4.250, and you have direct frequency readout. A slight drawback is that it's a counted system, so there is a slight delay as you tune the band before the display settles down, but you no longer have to trust your license to the calibration of an analog dial.

No guarantee it will be in the July issue, but if not, it should be there for Oct. 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Wed Jun 21 18:23:35 1995
Message-Id: <9506211822.AA02296@dayton.wright.edu>
From: Dan Puckett <af045@dayton.wright.edu>
Subject: Is it really Chuck?
Date: Wed, 21 Jun 1995 14:23:35 EDT

> From: adams@chuck.dallas.sgi.com (chuck adams)
> To: Roger_L_Traylor@ccm.jf.intel.com
> Subject: [1101] Re: Have Sierra, will travel
>

> Roger, WB4TPW/x where x is everything :-) is now a trial
> fox for this group. The person who works him the most gets
> a prize from K5FO. Yet to be determined.
>
> Reports welcomed.
>
> gl
> --
> Chuck Adams K5FO CP-60 adams@sgi.com

Who ever is trying to impersonate Chuck almost got away with it.
If the person or persons unknown had not left off the "dit dit"
in the signature line they would have made it. :-)

Oh well, back to the soldering iron.

Dan WD8AAU af045@dayton.wright.edu

From qrp-l@lehigh.edu Thu Jun 22 03:06:45 1995
Message-Id: <1995Jun21.230514.7511@wb3ffv.ampr.org>
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: K5FO coming to MD again!
Date: Wed, 21 Jun 1995 23:06:45 EDT

Recent posting from Chuck Adams, dated Wed, 21 June 95:

....Will be in MD, same hotel as before, starting Sun nite til
Friday of next week. Mon es Tue nites are bad nites to do dinner.
Maybe Wed for the WA8MCQ group, et.al.....

Anyone want to go see him again, go to the restaurant, etc? I'm game
for it--and this time I'll make sure I'm not too sick to eat, and see
if I can still collect on that free dinner :-) Wed is good for me.

For those not In The Know, the "same hotel" is just outside of the
Washington Beltway on the north, in the Calverton, MD area, between
Laurel and the Beltway. If anyone wants to get in on the action, you
can call me at work at 410-290-1919. Leave a posting to QRP-L, too,
so we can all get a good idea of who will be coming.

73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org

E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Thu Jun 22 00:46:11 1995
Message-Id: <9506220044.AA57950@tuba.aix.calpoly.edu>
From: rheiss@tuba.aix.calpoly.edu
Subject: keyer mode, another point of view
Date: Wed, 21 Jun 1995 20:46:11 EDT

Let's rephrase the description of the two iambic modes:

NORMAL IAMBIC KEYING

- * If the dot paddle is pressed while sending a dash, a dot is appended.
- * If the dash paddle is pressed while sending a dot, a dash is appended.

CURTIS-CULT KEYING

- * If the dot paddle is pressed while sending a dash, a dot is appended, except if both paddles are released.
- * If the dash paddle is pressed while sending a dot, a dash is appended, except if both paddles are released.

>From this point of view the keyer isn't alternating between dashes and dots when both paddles are squeezed, instead it is remembering and inserting dots in a string of dashes, and/or remembering and inserting dashes in a string of dots. Curtis "A" keying seems to have more complex logic.

When discussing why some keyers tend to produce extra dots, be careful not to confound the A vs B issue with another design issue: how early are the memories enabled? When sending the letter U for example, if the dot memory is enabled at the very start of the dash, a sluggish operator may have not yet released the dot paddle and an F would be sent by the normal keyer. More "forgiving" keyers such as the Accukeyer and the Super CMOS allow more time for the dot paddle to be released before remembering a dot, so the U is sent as intended and the op stays happy.

--

didit didit,

Rob Heiss K06KA
rheiss@tuba.calpoly.edu

From qrp-1@lehigh.edu Wed Jun 21 20:38:14 1995
Message-Id: <1995Jun21.163646-0400@[130.113.234.7]>
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: nitrogen bottle revoke
Date: Wed, 21 Jun 1995 16:38:14 EDT

Geez, just read my post to qrp-1 about
launching antennas with a bottle, and
had the chilling surge up my spine when
I thought "hey, someone might try it".

Don't
Please don't
Don't even think about it.

Sorry
Glen Leinweber VE3DNL leinwebe@mcmail.mcmaster

From qrp-1@lehigh.edu Wed Jun 21 12:30:36 1995
Message-Id: <9506211229.AA19111@clark.dgim.doc.ca>
From: jcumming@clark.dgim.doc.ca (Jim Cummings)
Subject: Re: RUMOR on US Pilot Rescue
Date: Wed, 21 Jun 1995 08:30:36 EDT

>
>On Mon, 19 Jun 1995 rarland@epix.net wrote:
>
>> On Sun, 18 Jun 1995 Byron8LCZ@aol.com wrote:
>> > Hey Rich,
>> > You missed the most important part, He was running QRP !
>> > We should make him an honorary member of the ARCI QRP club.
>> > 72, Byron WA8LCZ Detroit
>> >
>> I agree! Get me his address, we'll send him a QRP Marble and induct him
>> into the Wyoming Valley QRP Commandos!
>
>HA! It gets EVEN BETTER!!!
>
>I just learned from a VERY reliable source that the rig was a Ten Tec!!!
>I gotta follow up on this!
>
>73 =paul= wb8zjl
>

>collector of Ten Tecs and other fine plastics
>
>
>
>

NO NO NO... It was an Tuna tin transmitter made from parts that he found
lieing around while waiting for rescue. The key was made of two spoon
strapped to his knees....

=====
 Jim Cummings
eMail:jcumming@clark.dgim.doc.ca
packet:VE3XJ@VE3JF.#EONT.ON.CA.NOAM
73 and live better digitally
DON'T GET TOO EXCITED...
because remember, today is the first
day of the rest of your life.
=====

From qrp-1@lehigh.edu Wed Jun 21 16:54:46 1995
Message-Id: <95Jun21.125424edt.14522-3+8@hooch.CC.Lehigh.EDU>
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: Summary: MultiMeter advice
Date: Wed, 21 Jun 1995 12:54:46 EDT

Gang,

Here are (finally!) some of the responses I received. I had hoped to
hear from more of you "let the solder flow" folks. What are you using to
align your rigs? What would you recommend for someone building up a bench
from scratch?

I found the Wavetek DM27XT a bit cheaper from Newark Electronics.
Specialized Products has an Extech(?) Rangemaster with Freq. to 15MHz
and Capacitance 2nF-20uF plus the usual VOM stuff for \$69 in their 1995
New Product Update. Are these DMM's with Freq. counters sensitive and
accurate enough to align QRP rigs?

Got the ALPHA catalog suggested by Jim, W4Q0. They have a (house brand?)
model DMM-122 with Freq. to 20MHz + Capacitance + usual stuff for \$59.95.
Note they specify a 1V minimum for Freq. Will this do? They also have scopes,
power supplies, freq. generators/counters, AND SWR/POWER METERS. The \$26.95
unit (Lodestar SWR-3P) measures 0.5-10W and 0.5-100W and SWR 1.7-150MHz...

Haven't yet checked-out C&S.

Below is my original post, followed by some of the responses. Hope none of these folks mind me posting to the list... Thanks to all. Additional comments welcome. Hope to "let the solder flow" soon.

/jim

```
>From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
>Subject: MultiMeter advice
>Date: Wed, 31 May 1995 12:30:58 EDT
>
>Gang,
>
> Anticipating building a kit rig, need some advice on purchasing
> a MultiMeter. My 20+ year-old Radio Shack VOM has seen better days,
> and I'd like to upgrade to something that will allow me to align TX
> and RX. Of course it has to be As Cheap As Possible :-). Found the
> following in the Specialized Products Co. catalog for $119.95 plus
> $12.00 for the carrying case. Anyone have any other recommendations,
> or know where to purchase this unit cheaper? Comments please!
>
> Wavetek DM27XT DMM:
>
> 200mV-750V AC in 4 ranges
> 200mV-1kV DC in 5 ranges
> 200uA-20A AC/DC in 5 ranges
> 2nF-2kuF in 7 ranges
> 200ohm-2000Mohm in 7 ranges
> frequency counter up to 20MHz
> five inductance ranges (looks like 2m,20m,200m,2,20)
> 1999-count, 3.5-digit LCD display
>
>/jim
```

From: "rohre" <rohre@arlut.utexas.edu>

I use the Fluke line of meters, in the 7x series, and they may cost less than Wavetek, and are fully warrenteed, and Fluke builds precision meters, and has for years. Wavetek is ok in generators, but don't know how good a VOM replacement they make. You probably can get a better counter as a separate instrument, and you would seldom need the inductance measuring, if you get a GDO or Autek RF-1 Antenna Analyzer which also measures inductance, plus does all the neat HF antenna stuff for you. Just IMHO, as that is the way I went. 73, Stuart K5KVH

From: bruce.florip@amail.amdahl.com

Jim,

I have one of these, and like it, but the capacitance range on the pf measureing scale has a residual capacitance shown of around 35pf (varies with unit according to the manual) which must be subtracted from each measurement on that scale... I have a much cheaper unit that reads 0 with no Cap. connected...

The inductance ranges are done at specific (low) frequencies which may or maynot be the values you want to see at the frequencies to be used (like 7 or 14 mhz.)

Personally I wish I had shopped a little longer before I bought it. So, when you go shopping, take some components that you KNOW the values of and measure them before you buy the unit. If you like the results, buy it.

The display is really nice, and the autopower-off is a good feature.

73, Bruce Florip aa7ar/6 Santa Clara, Ca.

From: Jim Stafford-W4QO <w4qo@america.net>

Check out some of the C&S Sales Elenco stuff. It is more bargain priced. I got almost the same specs except that mine doesn't measure Inductance at Dayton for \$40 and I think it is normally \$52. Also, there is some outfit in Nuts and Volts Magazine that sells a similar model for about \$40. Like I said it doesn't have Inductance but I've only needed that a few times in my life. It would be nice however. They have an LCR digital for about the same price so you could buy both for less than you plan to pay. I'm not pushing this choice, just muddying the waters!

73/72/jim/w4qo

From: Jim Stafford-W4QO <w4qo@america.net>

Jim, Here is the name of a place that has a great assortment of DVM's from their house brands to FLUKE. The one similar to mine but a bit better because it has a broader capacitance range is the model DMM-325 at \$39.95. They have a DMM with I to 40H, C to 200 Uf, F to 1 Mhz + all the standard VCR functions. I to 20 A. For \$74.95. Their number is 1-800-526-2532. Good luck. Oh, the name of the company is ALFA. They are in Princeton, NJ. I think that's pretty close to you, at least closer than Atlanta.

73/72/jim/w4qo

From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>

Kangas kits (available from N8ET on list and WWW) sells a kit for around 35 bucks.....same principle as 73 mag article.....works just as well as my Beckman. (I bought the beckman as I needed a pf type capacitor checker, like right away....the very smart ham/electronic supply dealer "loaned" one for a weekend.....never took it back!)

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Email: zabrodsk@med.ucalgary.ca	*	NorCal 519 ARCI 7650 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276	*	"Power is no substitute for skill"

From qrp-1@lehigh.edu Wed Jun 21 15:39:43 1995
Message-Id: <Pine.SUN.3.91.950621112940.19133A-100000@linet01>
From: Thom <thom@li.net>
Subject: Ten-Tec Kits Pricing??
Date: Wed, 21 Jun 1995 11:39:43 EDT

I placed and received an order from the new Ten-Tec kit catalog, and everything was in order.

A few days later I received another package with someone else's order in it, along with his paid invoice. They put my mailing label on the other guy's order, by mistake...As I was preparing to send it back to them (I wonder how honest I'd be if they had sent me an Omni-VI..hi), Out of curiosity, I looked through my catalog to see the description of the items they sent me.

The order consisted of 3 items (plus 3 aluminum boxes) as I checked the catalog I noticed that EVERY one of the three items had a higher price in my catalog than that which was charged on the errant invoice.

I've heard about this practice in clothing catalogs (most notably Victoria's Secret (don't ask)), but for some reason I'm a bit disappointed that Ten-Tec is doing it. Perhaps I'm missing something, or is it just test marketing...but I guess the bottom line is, how do we know we are getting the best price.

If you have any comments or experiences with this, I'd be glad to hear them

Thanks for letting me gripe es 73

Tom
WB2QDG

thom@li.net

From qrp-1@lehigh.edu Wed Jun 21 15:58:26 1995
Message-Id: <n1408390275.46521@msmailgw1.arlut.utexas.edu>
From: "rohre" <rohre@arlut.utexas.edu>
Subject: RE: Ten-Tec Kits Pricing??
Date: Wed, 21 Jun 1995 11:58:26 EDT

How do you know that it is not part of a much larger order that qualified for Ten Tec's quantity discounts? When I ordered single quantity items from them, it is invoiced at the catalog price. Seems to me I read fine print somewhere, that quantity orders get a break.
-Stuart K5KVH

From qrp-1@lehigh.edu Wed Jun 21 21:43:16 1995
Message-Id: <Pine.BSI.3.91.950621171704.19289B-100000@cais2.cais.com>
From: Jeff Shelton <jshelton@cais.cais.com>
Subject: Tuesday night K4AF Results
Date: Wed, 21 Jun 1995 17:43:16 EDT

Well, I managed to get on the air from K4AF on Tuesday night, but I'm sad to say I don't think I worked anybody on the list. Actually, I only managed to work 7 stations all told, and needed 50 watts to work 6 of those :-(But I was tickled to stumble across IT90GH in Sicily and have a nice QSO before 20 meters closed up shop.

I afraid I mostly wasn't on the frequencies that I'd said I'd be on. The PARC R7 seems to have been tuned for the HIGH end on the phone band on 40 - I couldn't get decent SWR around 7.040, and no one seemed to hear me, so I ended up fleeing to the novice subband, where I picked up most of my contacts, and my sole QRP QSO.

30 was simpler - I could not tune it at all! Something must be wrong with the PARC R7 - the instructions say it covers 30 - guess it's time to check the traps, etc.

Sorry folks - we will try this again, and next time I'll know what works where. In the meantime, if any of you still want to try for a PARC QSL, the club has a multi-op Field Day exercise planned (unfortunately not QRP). I'll be on sometime Sunday - hope to hear some of y'all there.

Jeff Shelton
KS4TL

From qrp-l@lehigh.edu Wed Jun 21 17:00:39 1995
Message-Id: <m0s0T7d-000090C@juits.ccc.amdahl.com>
From: bruce.florip@amail.amdahl.com
Subject: VFO range on HW-9
Date: Wed, 21 Jun 1995 13:00:39 EDT

Gary,

I think the correct way to answer your question is "been there... done that..."

I could have signed my name to the end of your email... The only difference is that mine had just enough tension in the trimmer to say... "well until I get back to this it's ok as long as it doesn't go backpacking..."

I thought of the same things you did:

Different type/shorter coax to the cap
Removing or bending one plate out in the back of the rotor.

The second is my thought of choice so far, but have not tried it. Is the tuning cap open or closed at the point you adjust the trimmer? can't remember.

One thing I found of interest is that the injection level to the mixer affects the strength and number of birdies. If you adjust the level as the manual says there are many more. I found that adjusting to maximum rec. signal without the extra Nth of a turn as the manual says seems better.

Next on the list for me is to attempt to add some filters on the crystal oscillators for each band to attempt to clean up the birdies...

Good info, let's keep in touch!

Bruce aa7ar/6 bruce.florip@amail.amdahl.com

From qrp-1@lehigh.edu Wed Jun 21 20:45:43 1995
Message-Id: <950621164123_75524510@aol.com>
From: PDouglas12@aol.com
Subject: Visiting Chuck
Date: Wed, 21 Jun 1995 16:45:43 EDT

As Chuck posted, I visited him in Dallas this past weekend. Had a couple meals with him and met his lady, Phyllis (who stayed up late to keep the evening going, even though she was the only one who had to work in the morning.) I really didn't know all of Chuck's biography before, and that would be fun to really put in print sometime--but that's Chuck's. Meanwhile, my wife, Sharon is not easily impressed, and this time she had a great time.

As she says, Chuck isn't just smart, he's really a nice man. One of the best weekends we ever had--and we saw all of Dallas and Fort Worth too.

Thanks, guys.

Preston WJ2V

P.S. Anyone who wants a three day, no stop no rest three day no holds barred no expense spared itinerary for Dallas--email me. Won't use the bandwidth here.

P.P.S. Chuck is a real Texan. I was born in Manhattan. We speak the same language anyway. But I gotta' tell this one Chuck: When he called me at the hotel Saturday afternoon he just said, "dit dit." Of course I know that's his signature. But I heard "dee-it dee-it," which is how it sounds in Texan. I had no idea what "dee-it dee-it" meant! He should have hummed it.